



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1823.0900000APPLICATION NO.
10/631,890INVENTORS
Gregory ZyzdrynFILING DATE
August 1, 2003ART UNIT
2621**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA1	2,500,017	03/1950	Altman			
	AB1	3,200,701	08/1965	White			
	AC1	3,475,588	10/1969	McMaster			
	AD1	3,482,498	12/1969	Becker			
	AE1	3,495,259	02/1970	Rocholl <i>et al.</i>			
	AF1	3,527,535	09/1970	Monroe			
	AG1	3,540,025	11/1970	Levin <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH1	0 101 772 A1	03/1984	EP			N/A
	AI1	0 308 162 A2 & A3	03/1989	EP			N/A
	AJ1	0 379 333 A1	07/1990	EP			N/A
	AK1	0 379 333 B1	07/1995	EP			N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL1	Btt (Biometric Technology Today), Finger technologies contacts, 2 pages, date unknown (believed to be obtained before one year prior to August 1, 2003).
	AM1	Drake, M.D. <i>et al.</i> , "Waveguide hologram fingerprint entry device," <i>Optical Engineering</i> , Vol. 35, No. 9, September 1996, pp. 2499-2505.
	AN1	Roethenbaugh, G. (ed.), <i>Biometrics Explained</i> , 1998, ICSA, pp. 1-34.
	AO1	Automated Identification Systems (visited May 20, 1999) < http://www.trw.com/idsystems/bldgaccess2.html >, 1 page, Copyright 1999.
	AP1	Ultra-Scan Corporation Home Page (visited May 20, 1999) < http://www.ultra-scan.com/index.htm >, 3 pages. (discusses technology as early as 1996)
▼	AQ1	Profile (last updated August 16, 1998) < http://www.dermalog.de/Britain/Profile/profile.htm >, 3 pages. (discusses technology as early as 1990)

EXAMINER

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA2	3,617,120	11/1971	Roka			
	AB2	3,699,519	10/1972	Campbell			
	AC2	3,906,520	09/1975	Phillips			
	AD2	3,947,128	03/1976	Weinberger <i>et al.</i>			
	AE2	3,968,476	07/1976	McMahon			
	AF2	3,975,711	08/1976	McMahon			
	AG2	4,032,975	06/1977	Malueg <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH2	0 623 890 A2 & A3	11/1994	EP			N/A
	AI2	0 623 890 B1	08/2001	EP			N/A
	AJ2	0 653 882 A1	05/1995	EP			N/A
	AK2	0 785 750 B1	06/1999	EP			N/A
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL2	<i>ID-Card System Technical Specifications</i> (last updated July 18, 1998) < http://dermalog.de/Britain/Products/ID-Card/idcard2.htm >, 2 pages.					
	AM2	<i>Fujitsu Limited Products and Services</i> (updated April 21, 1999) < http://www.fujitsu.co.jp/hypertext/Products/index-e.html >, 3 pages, Copyright 1995-1999.					
	AN2	<i>SonyDCam</i> (visited May 20, 1999) < http://www.microsoft.com/DDK/ddkdocs/Win2k/sonydcam.htm >, 3 pages, Copyright 1999.					
	AO2	<i>Verid Fingerprint Verification</i> (visited May 17, 1999) < http://www.tssi.co.uk/products/finger.html >, 2 pages.					
	AP2	<i>Startek's Fingerprint Verification Products: Fingerguard FG-40</i> (visited May 18, 1999) < http://www.startek.com.tw/product/fg40/fg40.html >, 3 pages.					
↓	AQ2	<i>SAC Technologies Showcases Stand-Alone SAC-Remote(TM)</i> (visited May 18, 1999) < http://www.pathfinder.com/money/latest/press/PW/1998Mar25/1026.html >, 2 pages.					
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA3	4,063,226	12/1977	Kozma <i>et al.</i>	—	—	
	AB3	4,120,585	10/1978	DePalma <i>et al.</i>	—	—	
	AC3	4,152,056	05/1979	Fowler	—	—	
	AD3	4,209,481	06/1980	Kashiro <i>et al.</i>	—	—	
	AE3	4,210,889	07/1980	Swonger <i>et al.</i>	—	—	
	AF3	4,253,086	02/1981	Szwarcbier	—	—	
	AG3	4,322,163	03/1982	Schiller	—	—	
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH3	0 889 432 A2 & A3	01/1999	EP	—	—	N/A
	AI3	0 905 646 A1	03/1999	EP	—	—	N/A
	AJ3	0 924 656 A2	06/1999	EP	—	—	N/A
	AK3	2 089 545 A	06/1982	GB	—	—	N/A
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL3	"Biometrics, The Future Is Now," www.securitymagazine.com , May 1999, pp. 25-26.					
	AM3	Mytec Technologies Gateway (visited April 27, 1999) < http://www.mytec.com/Products/Gateway/ >, 1 page.					
	AN3	Mytec Technologies Gateway: Features & Benefits (visited April 27, 1999) < http://www.mytec.com/Products/Gateway/features.htm >, 1 page.					
	AO3	Mytec Technologies Touchstone Pro (visited April 27, 1999) < http://www.mytec.com/Products/Touchstone/ >, 1 page.					
	AP3	Mytec Technologies Touchstone Pro: Features (visited April 27, 1999) < http://www.mytec.com/Products/Touchstone/features.htm >, 1 page.					
▼	AQ3	Electronic Timeclock Systems and Biometric Readers (last updated April 17, 1999) < http://www.lfs-hrbene.com/tclocks.html >, 1 page.					
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ART UNIT 2621			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA4	4,414,684	11/1983	Blonder			
	AB4	4,537,484	08/1985	Fowler <i>et al.</i>			
	AC4	4,544,267	10/1985	Schiller			
	AD4	4,553,837	11/1985	Marcus			
	AE4	4,601,195	07/1986	Garritano			
	AF4	4,669,487	06/1987	Frieling			
	AG4	4,681,435	07/1987	Kubota <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH4	2 313 441 A	11/1997	GB			N/A
	AI4	62-212892 A	09/1987	JP			No
	AJ4	1-205392 A	08/1989	JP			No
	AK4	3-161884 A	07/1991	JP			No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL4	Fingerprint Time Clock (visited May 17, 1999) < http://www.lfs-hr-bene.com/Biometrics/Fingerprintclock.html >, 6 pages.
	AM4	KC-901: The KSI fingerprint sensor (visited May 17, 1999) < http://www.kinetic.bc.ca/kc-901.html >, 3 pages.
	AN4	INTELNET INC. (visited May 20, 1999) < http://www.intelgate.com/index.html >, 1 page, Copyright 1996.
	AO4	Ver-i-Fus Fingerprint Access Control System (visited May 20, 1999) < http://www.intelgate.com/verifus.htm >, 2 pages. (Ver-i-fus product released in 1995)
	AP4	Ver-i-fus® Configurations (visited May 20, 1999) < http://www.intelgate.com/verconfig.htm >, 1 page. (Ver-i-fus product released in 1995)
↓	AQ4	Ver-i-Fus® & Ver-i-Fus™ (visited May 20, 1999) < http://www.intelgate.com/vif_data.htm >, 3 pages. (Ver-i-fus product released in 1995)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA5	4,684,802	08/1987	Hakenewerth <i>et al.</i>			
	AB5	4,701,772	10/1987	Anderson <i>et al.</i>			
	AC5	4,783,823	11/1988	Tasaki <i>et al.</i>			
	AD5	4,784,484	11/1988	Jensen			
	AE5	4,792,226	12/1988	Fishbine <i>et al.</i>			
	AF5	4,811,414	03/1989	Fishbine <i>et al.</i>			
	AG5	4,876,726	10/1989	Capello <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH5	3-194674 A	08/1991	JP			No
	AI5	3-194675 A	08/1991	JP			No
	AJ5	11-225272 A	08/1999	JP			No
	AK5	11-289421 A	10/1999	JP			No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL5	Access Control System Configurations (visited May 20, 1999) < http://www.intelgate.com/access.htm >, 2 pages. (Ver-i-fus product released in 1995)
	AM5	Company (visited May 17, 1999) < http://www.instainfo.com/company.htm >, 2 pages.
	AN5	TouchLock™ II Fingerprint Identity Verification Terminal (visited May 17, 1999) < http://www.identix.com/TLock.htm >, 4 pages.
	AO5	Physical Security and Staff Tracking Solutions (visited May 17, 1999) < http://www.identix.com/products/biosecurity.html >, 3 pages, Copyright 1996-1998.
	AP5	Veriprint2000 Fingerprint Verification Terminal For Use With Jantek Time & Attendance Software (visited May 17, 1999) < http://www.hunterequipment.com/fingerprint.htm >, 2 pages.
↓	AQ5	Veriprint Product Applications (visited April 27, 1999) < http://www.biometricid.com/uses.htm >, 1 page, Copyright 1999.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA6	4,905,293	02/1990	Asai <i>et al.</i>			
	AB6	4,924,085	05/1990	Kato <i>et al.</i>			
	AC6	4,933,976	06/1990	Fishbine <i>et al.</i>			
	AD6	4,942,482	07/1990	Kakinuma <i>et al.</i>			
	AE6	4,946,276	08/1990	Chilcott			
	AF6	4,995,086	02/1991	Lilley <i>et al.</i>			
	AG6	5,054,090	10/1991	Knight <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH6	WO 87/02491 A1	04/1987	PCT			N/A
	AI6	WO 90/03620 A1	04/1990	PCT			N/A
	AJ6	WO 92/11608 A1	07/1992	PCT			N/A
	AK6	WO 94/22371 A2 & A3	10/1994	PCT			N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL6	BII Home Page (visited April 27, 1999) < http://www.biometricid.com/homepage.htm >, 1 page, Copyright 1999.
	AM6	Veriprint 2100 Stand-Alone Fingerprint Verification Terminal (visited April 27, 1999) < http://www.biometricid.com/veriprint2100.htm >, 3 pages.
	AN6	Randall, N., "A Serial Bus on Speed," PC Magazine, May 25, 1999, pp. 201-203.
	AO6	The DERMALOG Check-ID (visited November 12, 1999) < http://www.dermalog.de/ganzneu/products_check.html >, 1 page.
	AP6	Check-ID Specifications and Features (visited November 12, 1999) < http://www.dermalog.de/ganzneu/spec_check.html >, 1 page, Copyright 1999.
↓	AQ6	Startek's Fingerprint Verification Products: FingerFile 1050 (visited October 8, 1999) < http://www.startek.com.tw/product/ff1050/ff1050.html >, 3 pages.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA7	5,067,162	11/1991	Driscoll, Jr. et al.			
	AB7	5,067,749	11/1991	Land			
	AC7	5,131,038	07/1992	Puhl et al.			
	AD7	5,146,102	09/1992	Higuchi et al.			
	AE7	5,157,497	10/1992	Topper et al.			
	AF7	5,185,673	02/1993	Sobol			
	AG7	5,187,747	02/1993	Capello et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH7	WO 96/17480 A2 & A3	06/1996	PCT			N/A
	AI7	WO 97/29477 A1	08/1997	PCT			N/A
	AJ7	WO 97/41528 A1	11/1997	PCT			N/A
	AK7	WO 98/09246 A1	03/1998	PCT			No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL7	Time is Money! (visited June 5, 1998) < http://www.iaus.com/afim.htm >, 3 pages.					
	AM7	LS 1 LiveScan Booking Workstation High Performance Finger & Palm Scanning System (visited June 4, 1998) < http://www.hbs-jena.com/ls1.htm >, 6 pages, Copyright 1998.					
	AN7	Welcome to the Homepage of Heimann Biometric Systems GMBH (visited June 4, 1998) < http://www.hbs-jena.com/ >, 1 page, Copyright 1998.					
	AO7	Heimann Biometric Systems Corporate Overview (visited June 4, 1998) < http://www.hbs-jena.com/company.htm >, 4 pages, Copyright 1998.					
	AP7	Remote Access Positive IDentification - raPID (visited June 3, 1998) < http://www.nec.com/cgi-bin/showproduct.exe?prod...emote+Access+Positive+IDentification+%2D+raPID >, 2 pages, Copyright 1997.					
↓	AQ7	Morpho DigiScan Cellular (visited June 3, 1998) < http://www.morpho.com/products/law_enforcement/digiscan/cellular.htm >, 2 pages, Copyright 1998.					
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA8	5,210,588	05/1993	Lee			
	AB8	5,222,152	06/1993	Fishbine <i>et al.</i>			
	AC8	5,222,153	06/1993	Beiswenger			
	AD8	5,230,025	07/1993	Fishbine <i>et al.</i>			
	AE8	5,233,404	08/1993	Lougheed <i>et al.</i>			
	AF8	5,249,370	10/1993	Stanger <i>et al.</i>			
	AG8	5,253,085	10/1993	Maruo <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH8	WO 98/12670 A1	03/1998	PCT			N/A
	AI8	WO 99/12123 A1	03/1999	PCT			N/A
	AJ8	WO 99/26187 A1	05/1999	PCT			N/A
	AK8	WO 99/40535 A1	08/1999	PCT			No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL8	A.F.I.S. (last updated April 2, 1998) < http://www.dermalog.de/afis.htm >, 2 pages.
	AM8	<i>Morpho FlexScan™ Workstation</i> (visited June 3, 1998) < http://www.morpho.com/products/law_enforcement/flexscan/ >, 2 pages, Copyright 1998.
	AN8	True-ID® The LiveScan with special "ability"..., 2 pages, date unknown (believed to be obtained before one year prior to August 1, 2003).
	AO8	<i>Printrak International: User List</i> (visited June 3, 1998) < http://www.printrakinternational.com (and links)>, 10 pages, Copyright 1996.
	AP8	<i>Live-Scan Products: Tenprinter® 1133S</i> (visited April 23, 1999) < http://www.digitalbiometrics.com/Products/tenprinter.htm >, 4 pages. (Tenprinter 1133S released in 1996)
↓	AQ8	<i>TouchPrint™ 600 Live-Scan System</i> (visited April 23, 1999) < http://www.identix.com/products/livescan.htm >, 4 pages, Copyright 1996-1998.

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/JS/	AA9	5,261,266	11/1993	Lorenz <i>et al.</i>			
	AB9	5,285,293	02/1994	Webb <i>et al.</i>			
	AC9	5,291,318	03/1994	Genovese			
	AD9	Des. 348,445	07/1994	Fishbine <i>et al.</i>			
	AE9	5,351,127	09/1994	King <i>et al.</i>			
	AF9	Des. 351,144	10/1994	Fishbine <i>et al.</i>			
	AG9	5,363,318	11/1994	McCauley			

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EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH9	EP 0 650 137 A2 & A3	04/1995	EP			N/A
	AI9	63-137206 A	06/1988	JP			No
	AJ9	SU 1769854 A1	10/1992	Russia			No
	AK9						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL9	Systems for Live-Scan Fingerprinting, Digital Biometrics, Inc., 8 pages, Copyright 1998.
	AM9	DBI FingerPrinter CMS™, Digital Biometrics, Inc., 5 pages. (CMS™ released in 1998)
	AN9	Fingerscan V20, Identix Incorporated, 1 page, Copyright 1999.
	AO9	Verid® Fingerprint Reader, TSSI, 4 pages, date unknown (believed to be obtained before one year prior to August 1, 2003).
	AP9	Response to Request for Information, Cross Match Technologies, Inc., 13 pages, April 14, 1999.
↓	AQ9	Startek's Fingerprint Verification Products (visited November 17, 1999) < http://www.startek.com.tw/product/index.html >, 1 page.

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/JS/	AA10	5,384,621	01/1995	Hatch <i>et al.</i>			
	AB10	5,412,463	05/1995	Sibbald <i>et al.</i>			
	AC10	5,416,573	05/1995	Sartor, Jr.			
	AD10	5,448,649	09/1995	Chen <i>et al.</i>			
	AE10	5,467,403	11/1995	Fishbine <i>et al.</i>			
	AF10	5,469,506	11/1995	Berson <i>et al.</i>			
	AG10	5,471,240	11/1995	Prager <i>et al.</i>			

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	AH10						
	AI10						
	AJ10						
	AK10						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL10	<i>Introduction to Startek's Fingerprint Verification Products</i> (visited November 17, 1999) < http://www.startek.com.tw/product/index2.html >, 2 pages.
	AM10	<i>Automatic Fingerprint Identification Systems</i> (visited November 17, 1999) < http://www.sagem.com/en/produit4-en/empreinte-dig-en.htm >, 1 page.
	AN10	<i>Digital Biometrics Corporate Information</i> (visited November 17, 1999) < http://www.digitalbiometrics.com/Corporate_info/Corporate_info.htm >, 2 pages. (discusses technology as early as 1985)
	AO10	<i>DBI Live-Scan Products: Digital Biometrics TENPRINTER®</i> (visited November 17, 1999) < http://www.digitalbiometrics.com/products/tenprinter.htm >, 4 pages. (Tenprinter released in 1996)
	AP10	<i>DBI Live-Scan Products: NETWORKING OPTIONS</i> (visited November 17, 1999) < http://www.digitalbiometrics.com/products/networking_options.htm >, 3 pages.
↓	AQ10	<i>DBI Live-Scan Products: Digital Biometrics FingerPrinter CMS™</i> (visited November 17, 1999) < http://www.digitalbiometrics.com/products/FingerPrinterCMS.htm >, 3 pages. (CMS™ released in 1998)

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>			ATTY. DOCKET NO. 1823.0900000	APPLICATION NO. 10/631,890			
			INVENTORS Gregory Zyzdryn	FILING DATE August 1, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA11	5,473,144	12/1995	Mathurin, Jr.			
	AB11	5,483,601	01/1996	Faulkner			
	AC11	5,509,083	04/1996	Abtahi et al.			
	AD11	5,517,528	05/1996	Johnson			
	AE11	5,528,355	06/1996	Maase et al.			
	AF11	5,548,394	08/1996	Giles et al.			
	AG11	5,591,949	01/1997	Bernstein			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH11						
	AI11						
	AJ11						
	AK11						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL11	DBI Live-Scan Products: Image Printer Stations (visited November 17, 1999) < http://www.digitalbiometrics.com/products/imageprinter.htm >, 2 pages.					
	AM11	DBI Live-Scan Products: FC-21™ Fingerprint Capture Station (visited November 17, 1999) < http://www.digitalbiometrics.com/products/Fingerprintcapture.htm >, 2 pages.					
	AN11	Series 400 OEM Scanner (visited November 17, 1999) < http://www.ultra-scan.com/400.htm >, 3 pages. (Scanner released in 1996)					
	AO11	USC Scanner Design (visited November 17, 1999) < http://www.ultra-scan.com/scanner.htm >, 4 pages. (Scanner released in 1996)					
	AP11	Series 500/600 Scanners (visited November 17, 1999) < http://www.ultra-scan.com/500.htm >, 3 pages. (Scanner released in 1996)					
	AQ11	Series 700 ID Station (visited November 17, 1999) < http://www.ultra-scan.com/700.htm >, 3 pages. (Scanner released in 1998)					
EXAMINER /Jonathan Schaffer/					DATE CONSIDERED 04/30/2007		
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		INVENTORS Gregory Zyzdryn	
		FILING DATE August 1, 2003	ART UNIT 2621

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA12	5,596,454	01/1997	Hebert			
	AB12	5,598,474	01/1997	Johnson			
	AC12	5,613,014	03/1997	Eshera <i>et al.</i>			
	AD12	5,615,277	03/1997	Hoffman			
	AE12	5,625,448	04/1997	Ranalli <i>et al.</i>			
	AF12	5,640,422	06/1997	Johnson			
	AG12	5,649,128	07/1997	Hartley			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH12						
	AI12						
	AJ12						
	AK12						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL12	<i>Identix: The Corporation</i> (visited November 17, 1999) < http://www.identix.com/corporate/home.htm >, 2 pages, Copyright 1996-1998.
	AM12	<i>Biometric Imaging Products</i> (visited November 17, 1999) < http://www.identix.com/products/bioimage.htm >, 1 page, Copyright 1996-1998.
	AN12	<i>TouchPrint™ 600 Live-Scan System</i> (visited April 23, 1999) < http://www.identix.com/products/livescan.htm >, 4 pages, Copyright 1996-1998.
	AO12	<i>TouchPrint™ 600 Palm Scanner</i> (visited November 17, 1999) < http://www.identix.com/products/palmscan.htm >, 3 pages, Copyright 1996-1998.
	AP12	<i>TouchPrint™ 600 Card Scan System</i> (visited November 17, 1999) < http://www.identix.com/products/cardscan.htm >, 3 pages, Copyright 1996-1998.
↓	AQ12	<i>DERMALOG KEY - The safest and easiest way of access control</i> (last updated July 18, 1998) < http://www.dermalog.de/Britain/Products/Key/key.htm >, 1 page.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA13	5,650,842	07/1997	Maase <i>et al.</i>			
	AB13	5,661,451	08/1997	Pollag			
	AC13	5,680,205	10/1997	Borza			
	AD13	5,689,529	11/1997	Johnson			
	AE13	5,717,777	02/1998	Wong <i>et al.</i>			
	AF13	5,729,334	03/1998	Van Ruyven			
	AG13	5,736,734	04/1998	Marcus <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH13						
	AI13						
	AJ13						
	AK13						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL13	<i>DERMALOG FINGER-ID Your small size solution for high security</i> (last updated July 18, 1998) < http://www.dermalog.de/Britain/Products/Finger/fingerid.htm >, 1 page.
	AM13	<i>Mytec: Corporate</i> (visited November 17, 1999) < http://www.mytec.com/corporate/ >, 2 pages.
	AN13	<i>Kinetic Sciences Inc. Fingerprint Biometrics Division</i> (visited November 17, 1999) < http://www.kinetic.bc.ca/main-FPB.html >, 1 page.
	AO13	<i>Fingerprint Biometrics: Securing The Next Generation</i> , May 19, 1999, (visited November 17, 1999) < http://www.secugen.com/pressrel.htm >, 2 pages.
	AP13	<i>SecuGen Unveils Fully Functional Fingerprint Recognition Solutions</i> , May 11, 1999, (visited November 17, 1999) < http://www.secugen.com/pressrel.htm >, 3 pages.
↓	AQ13	<i>POLLEX Technology Ltd., The Expert in Fingerprint Identification - POLLog</i> (visited November 17, 1999) < http://www.pollex.ch/english/products/pollog.htm >, 2 pages.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA14	5,745,684	04/1998	Oskouy et al.			
	AB14	5,748,766	05/1998	Maase et al.			
	AC14	5,748,768	05/1998	Sivers et al.			
	AD14	5,755,748	05/1998	Borza			
	AE14	5,757,278	05/1998	Itsumi			
	AF14	5,767,989	06/1998	Sakaguchi			
	AG14	5,778,089	07/1998	Borza			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH14						
	AI14						
	AJ14						
	AK14						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL14	Sony Fingerprint Identification Terminal (visited November 17, 1999) < http://www.iosoftware.com/biosols/sony/fiu/applications/fit100.htm >, 2 pages.
	AM14	Sony Fingerprint Identification Unit (FIU-700) (visited November 17, 1999) < http://www.iosoftware.com/biosols/sony/fiu70/index.htm >, 2 pages. (Unit available late 1999)
	AN14	Sony Fingerprint Identification Unit (visited November 17, 1999) < http://www.iosoftware.com/biosols/sony/fiu/index.htm >, 3 pages.
	AO14	Fujitsu Fingerprint Recognition Device (FPI-550) (visited November 17, 1999) < http://www.iosoftware.com/biosols/fujitsu/fpi550.htm >, 2 pages.
	AP14	Mitsubishi MyPass LP-1002 (visited November 17, 1999) < http://www.iosoftware.com/biosols/mitsubishi/mypass.htm >, 2 pages.
↓	AQ14	SecureTouch PV - A Personal "Password Vault" (visited November 17, 1999) < http://www.biometricaccess.com/securetouch_pv.htm >, 1 page.

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		U.S. PATENT DOCUMENTS			

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
IJS/	AA15	5,781,647	07/1998	Fishbine <i>et al.</i>	→	→	
	AB15	5,793,218	08/1998	Oster <i>et al.</i>	→	→	
	AC15	5,801,681	09/1998	Sayag	→	→	
	AD15	5,805,777	09/1998	Kuchta	→	→	
	AE15	5,809,172	09/1998	Melen	→	→	
	AF15	5,812,067	09/1998	Bergholz <i>et al.</i>	→	→	
	AG15	5,815,252	09/1998	Price-Francis	→	→	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH15						
	AI15						
	AJ15						
	AK15						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL15	Digital Descriptor Systems, Inc.-Profile (visited November 17, 1999) < http://www.ddsi-cpc.com/pages/profile.html >, 3 pages.
	AM15	Press Release: Printrak International Announces New Portable Fingerprint ID Solution, December 10, 1996, (visited November 17, 1999) < http://www.scott.net/~dg/25.htm >, 3 pages.
	AN15	Corporate Profile (visited November 17, 1999) < http://www.printrakinternational.com/corporate.htm >, 1 page.
	AO15	Printrak Products (visited November 17, 1999) < http://www.printrakinternational.com/Products.htm >, 1 page. (discusses technology as early as 1974)
	AP15	Verifier™ 200 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1996-1997.
↓	AQ15	Verifier 200 Direct Fingerprint Reader, Cross Check Corporation, 2 pages, 1996-1997.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA16	5,818,956	10/1998	Tuli			
	AB16	5,822,445	10/1998	Wong			
	AC16	5,825,005	10/1998	Behnke			
	AD16	5,825,474	10/1998	Maase			
	AE16	5,828,773	10/1998	Setlak <i>et al.</i>			
	AF16	5,832,244	11/1998	Jolley <i>et al.</i>			
	AG16	5,848,231	12/1998	Teitelbaum <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH16						
	AI16						
	AJ16						
	AK16						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL16	Verifier™ 250 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1996-1997.					
	AM16	Verifier 250 Small Footprint Direct Fingerprint Reader, Cross Check Corporation, 2 pages, 1996-1997.					
	AN16	Verifier™ 290 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1996-1997.					
	AO16	Verifier 290 Direct Rolled Fingerprint Reader, Cross Check Corporation, 2 pages, 1996-1997.					
	AP16	Verifier™ 500 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1998.					
V	AQ16	Biometric terminal, 1 page, date unknown (believed to be obtained before one year prior to August 1, 2003).					
EXAMINER <i>/Jonathan Schaffer/</i>					DATE CONSIDERED 04/30/2007		
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA17	5,855,433	01/1999	Velho et al.	_____	_____	
	AB17	5,859,420	01/1999	Borza	_____	_____	
	AC17	5,859,710	01/1999	Hannah	_____	_____	
	AD17	5,862,247	01/1999	Fisun et al.	_____	_____	
	AE17	5,867,802	02/1999	Borza	_____	_____	
	AF17	5,869,822	02/1999	Meadows, II et al.	_____	_____	
	AG17	5,872,834	02/1999	Teitelbaum	_____	_____	
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH17						
	AI17						
	AJ17						
	AK17						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL17	10-Print Imaging System, Cross Check Corporation, 2 pages, 1998.					
	AM17	Cross Match Technologies, Inc. (visited March 25, 1999) < http://www.crossmatch.net/ >, 1 page.					
	AN17	Cross Match Technologies, Inc. - Products Overview (visited March 25, 1999) < http://www.crossmatch.net/new/products/product-index.html >, 1 page.					
	AO17	Cross Match Technologies, Inc. - Law Enforcement Systems (visited March 25, 1999) < http://www.crossmatch.net/new/law/law-index.html >, 2 pages.					
	AP17	Cross Match Technologies, Inc. - Commercial Systems: Building On The Standard (visited March 25, 1999) < http://www.crossmatch.net/new/commercial/commercial-index.html >, 2 pages.					
	AQ17	Cross Match Technologies, Inc. - International Sales (visited March 25, 1999) < http://www.crossmatch.net/new/sales/sales-index.html >, 1 page.					
EXAMINER /Jonathan Schaffer/					DATE CONSIDERED 04/30/2007		
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA18	5,892,599	04/1999	Bahuguna	_____	_____	
	AB18	5,900,993	05/1999	Betensky	_____	_____	
	AC18	5,907,627	05/1999	Borza	_____	_____	
	AD18	5,920,384	07/1999	Borza	_____	_____	
	AE18	5,920,640	07/1999	Salatino et al.	_____	_____	
	AF18	5,928,347	07/1999	Jones	_____	_____	
	AG18	5,942,761	08/1999	Tuli	_____	_____	
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH18						
	AI18						
	AJ18						
	AK18						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL18	Cross Match Technologies, Inc. - Support (visited March 25, 1999) < http://www.crossmatch.net/new/support/support-index.html >, 1 page.					
	AM18	Cross Match Technologies, Inc. - News - Press Releases - Verifier 400 Press Release (visited March 25, 1999) < http://www.crossmatch.net/new/news/news-pr-050798.html >, 1 page.					
	AN18	Global Security Fingerscan™ System Overview (visited January 11, 2000) < http://wwwu-net.com/mbp/sol/g/a9.htm >, 12 pages.					
	AO18	"Command Structure for a Low-Cost (Primitive) Film Scanner," IBM Technical Disclosure Bulletin, IBM Corp., Vol. 35, No. 7, December 1992, pp. 113-121.					
	AP18	Fingerprint Scan API Toolkit Version 1.x Feature List (April 26, 2000) < http://www.mentalix.com/api/archive_fapiv1.htm >, 3 pages.					
↓	AQ18	"Image Acquisition System," IBM Technical Disclosure Bulletin, IBM Corp., Vol. 29, No. 5, October 1986, pp. 1928-1931 (3 actual pages).					
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		ART UNIT 2621	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA19	5,946,135	08/1999	Auerswald <i>et al.</i>			
	AB19	5,960,100	09/1999	Hargrove			
	AC19	5,973,731	10/1999	Schwab			
	AD19	5,974,162	10/1999	Metz <i>et al.</i>			
	AE19	5,987,155	11/1999	Dunn <i>et al.</i>			
	AF19	5,991,467	11/1999	Kamiko			
	AG19	5,995,014	11/1999	DiMaria			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH19						
	AI19						
	AJ19						
	AK19						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AL19	Kunzman, Adam J. and Wetzel, Alan T., "1394 High Performance Serial Bus: The Digital Interface for AT," <i>IEEE Transactions on Consumer Electronics</i> , IEEE, Vol. 41, No. 3, August 1995, pp. 893-900.
	AM19	Mentalix Provides The First IAFIS-Certified Latent Print Scanning Solution For Windows® (July 23, 1999) < http://www.mentalix.com/pressreleases/fprintplook3_prel.htm >, 2 pages.
	AN19	Sluijs, F. et al., "An On-chip USB-powered Three-Phase Up/down DC/DC Converter in a Standard 3.3V CMOS Process," <i>2000 IEEE International Solid-State Circuits Conference</i> , IEEE, February 9, 2000, pp. 440-441.
	AO19	Venot, A. et al., "Automated Comparison of Scintigraphic Images," <i>Journal of Nuclear Medicine</i> , Vol. 27, No. 8, August 1986, pp. 1337-1342.
	AP19	English-language Abstract for Japanese Patent Publication No. 59-103474, published June 14, 1984, printed from espacenet.com, 1 page.
↓	AQ19	English-language Abstract for Japanese Patent Publication No. 62-212892, published September 18, 1987, printed from espacenet.com, 1 page.

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		U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS
/JS/	AA20	5,999,307	12/1999	Whitehead <i>et al.</i>	
	AB20	6,018,739	01/2000	McCoy <i>et al.</i>	
	AC20	6,023,522	02/2000	Draganoff <i>et al.</i>	
	AD20	6,038,332	03/2000	Fishbine <i>et al.</i>	
	AE20	6,041,372	03/2000	Hart <i>et al.</i>	
	AF20	6,055,071	04/2000	Kuwata <i>et al.</i>	
	AG20	6,064,398	05/2000	Ellenby <i>et al.</i>	
FOREIGN PATENT DOCUMENTS					
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS
	AH20				
	AI20				
	AJ20				
	AK20				
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)					
	AL20	English-language Abstract for Japanese Patent Publication No. 1-205392, published August 17, 1989, printed from espacenet.com, 1 page.			
	AM20	English-language Abstract for Japanese Patent Publication No. 3-161884, published July 11, 1991, printed from espacenet.com, 1 page.			
	AN20	English-language Abstract for Japanese Patent Publication No. 3-194674, published August 26, 1991, printed from espacenet.com, 1 page.			
	AO20	English-language Abstract for Japanese Patent Publication No. 3-194675, published August 26, 1991, printed from espacenet.com, 1 page.			
	AP20	English-language Abstract for Japanese Patent Publication No. 10-079017, published March 24, 1998, printed from espacenet.com, 1 page.			
	AQ20	English-language Abstract for Japanese Patent Publication No. 10-262071, published September 29, 1998, printed from espacenet.com, 1 page.			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA21	6,064,753	05/2000	Bolle <i>et al.</i>			
	AB21	6,064,779	05/2000	Neukermans <i>et al.</i>			
	AC21	6,072,891	06/2000	Hamid <i>et al.</i>			
	AD21	6,075,876	06/2000	Draganoff			
	AE21	6,078,265	06/2000	Bonder <i>et al.</i>			
	AF21	6,088,585	07/2000	Schmitt <i>et al.</i>			
	AG21	6,097,873	08/2000	Filas <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH21						
	AI21						
	AJ21						
	AK21						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL21	English-language Abstract for Japanese Patent Publication No. 11-167630, published June 22, 1999, printed from espacenet.com, 1 page.					
	AM21	English-language Abstract for Japanese Patent Publication No. 11-225272, published August 17, 1999, printed from espacenet.com, 1 page.					
	AN21	English-language Abstract for Japanese Patent Publication No. 11-252489, published September 17, 1999, printed from espacenet.com, 1 page.					
	AO21	English-language Abstract for Japanese Patent Publication No. 11-289421, published October 19, 1999, printed from espacenet.com, 1 page.					
	AP21	ID 1000™ 10-PrintLive Scan System, Cross Match Technologies, Inc., Copyright 2000, 2 pages.					
↓	AQ21	ID 1000™ Portable Live Scan System, Cross Match Technologies, Inc., Copyright 1999, 4 pages.					
EXAMINER /Jonathan Schaffer/					DATE CONSIDERED 04/30/2007		
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1823.0900000		APPLICATION NO. 10/631,890			
		INVENTORS Gregory Zyzdryn					
		FILING DATE August 1, 2003		ART UNIT 2621			
		U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/JS/	AA22	6,104,809	08/2000	Berson <i>et al.</i>			
	AB22	6,115,484	09/2000	Bowker <i>et al.</i>			
	AC22	6,122,394	09/2000	Neukermans <i>et al.</i>			
	AD22	6,144,408	11/2000	MacLean			
	AE22	6,150,665	11/2000	Suga			
	AF22	6,154,285	11/2000	Teng <i>et al.</i>			
	AG22	6,162,486	12/2000	Samouilhan <i>et al.</i>			
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EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH22						
	AI22						
	AJ22						
	AK22						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL22	<i>ID 1500™ Palm Print Live Scan System</i> , Cross Match Technologies, Inc., Copyright 2000, 2 pages.					
	AM22	<i>Proposed National Plan - Flat Fingerprint Based Applicant Background Checks (Draft)</i> , Public Safety Strategy Subcommittee, January 21, 2001, page 1-5 and A-1 through A-12.					
	AN22	<i>Ratha, N.K. et al., "Fingerprint Image Quality Estimation," IBM Research Report</i> , December 1999, pp. 1-5.					
	AO22	<i>International Search Report and Written Opinion</i> , from PCT Appl. No. PCT/US2004/024416, filed July 30, 2004, 13 pages, mailed December 6, 2004.					
	AP22	<i>English language Abstract of Japanese Patent Publication No. 63-137206 A</i> , published June 9, 1988, from the Japan Patent Office, 2 pages.					
	AQ22	<i>English translation of Russian Patent No. SU 1769854 A1</i> , published October 23, 1992, 3 pages.					
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/JS/	AA23	6,166,787	12/2000	Akins <i>et al.</i>	_____	_____	
	AB23	6,178,255 B1	01/2001	Scott <i>et al.</i>	_____	_____	
	AC23	6,195,447 B1	02/2001	Ross	_____	_____	
	AD23	6,198,836 B1	03/2001	Hauke	_____	_____	
	AE23	6,204,331 B1	03/2001	Sullivans <i>et al.</i>	_____	_____	
	AF23	6,259,108 B1	07/2001	Antonelli <i>et al.</i>	_____	_____	
▼	AG23	6,272,562 B1	08/2001	Scott <i>et al.</i>	_____	_____	

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/JS/	AA24	6,281,931 B1	08/2001	Tsao <i>et al.</i>			
	AB24	6,327,047 B1	12/2001	Motamed			
	AC24	6,347,163 B2	02/2002	Roustaei			
	AD24	2001/0036301 A1	11/2001	Yamaguchi <i>et al.</i>			
	AE24	2002/0030668 A1	03/2002	Hoshino <i>et al.</i>			
	AF24	2003/0133143 A1	07/2003	McClurg <i>et al.</i>			
▼	AG24	2003/0142856 A1	07/2003	McClurg <i>et al.</i>			

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/JS/	AA25	5,926,555	07/1999	Ort <i>et al.</i>			
	AB25	6,282,302 B1	08/2001	Hara			
	AC25	3,743,421	07/1973	Maloney			
	AD25	3,944,978	03/1976	Jensen <i>et al.</i>			
	AE25	4,336,998	06/1982	Ruell			
	AF25	4,358,677	11/1982	Ruell <i>et al.</i>			
▼	AG25	5,096,290	03/1992	Ohta, Naoya			

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/JS/	AA26	5,177,353	01/1993	Schiller			
	AB26	5,726,443	03/1998	Immega <i>et al.</i>			
	AC26	6,000,224	12/1999	Foye			
	AD26	6,240,200 B1	05/2001	Wendt <i>et al.</i>			
	AE26	6,355,937 B2	03/2002	Antonelli <i>et al.</i>			
	AF26	6,404,904 B1	06/2002	Einighammer <i>et al.</i>			
▼	AG26	6,414,749 B1	07/2002	Okamoto <i>et al.</i>			

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/JS/	AA27 6,444,969 B2	09/2002	Johnson			
	AB27 6,485,981 B1	11/2002	Fernandez			
	AC27 6,643,390 B1	11/2003	Clark <i>et al.</i>			04/19/2000
	AD27 2002/0106115 A1	08/2002	Rajbenbach <i>et al.</i>			
	AE27 2003/0012417 A1	01/2003	Hamid			
	AF27 2003/0089703 A1	05/2003	Carver <i>et al.</i>			
▼	AG27 2003/0133103 A1	07/2003	Arnold <i>et al.</i>			

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